

DECLARATION and POWER OF ATTORNEY

Attorney's Docket Number

NN-0239

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

1-00

Full Name of Inventor Residence & Citizenship Post Office Address City State or Country Zip Code	First Name WALTER State or Foreign Country Massachusetts <i>MA</i> City North Andover State or Country Massachusetts Zip Code 01845	Middle Name PATRICK Country of Citizenship United States of America City North Andover State or Country Massachusetts Zip Code 01845
Full Name of Inventor Residence & Citizenship Post Office Address City State or Country Zip Code	First Name PAULA State or Foreign Country Massachusetts City Maynard State or Country Massachusetts Zip Code 01754	Middle Name JEAN Country of Citizenship United States of America City Maynard State or Country Massachusetts Zip Code 01754
Full Name of Inventor Residence & Citizenship Post Office Address City State or Country Zip Code	First Name GAIL State or Foreign Country Massachusetts City Winchester State or Country Massachusetts Zip Code 01890	Middle Name PATRICIA Country of Citizenship United States of America City Winchester State or Country Massachusetts Zip Code 01890

Title of the Invention: **DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS**

Patent specification attached

☒ Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____

☒ No earlier-filed foreign applications of which priority benefit is claimed.

☐ Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached

☐ No earlier-filed U.S. applications of which priority benefit is claimed.

☒ Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 4 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following ☒ attorney(s) ☐ agent(s):

Name Lynne M. Christenbury Hoge T. Sutherland	Registration Number 30,971 20,010
--	--

Send correspondence and direct telephone calls to: Lynne M. Christenbury	Patent Division Legal Department E. I. du Pont de Nemours & Co. Wilmington, DE 19898	Tel. No. (302) 992-5481
---	---	----------------------------

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor: <i>Walter Patrick Carney</i>	Signature of Inventor: _____	Signature of Inventor: _____
Date: 11-18-89	Date: _____	Date: _____

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

Full Name of Inventor ⁽¹⁾	Last Name CARNEY	First Name WALTER	Middle Name PATRICK
Residence & Citizenship	City North Andover	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 14 Bay State Road	City North Andover	State or Country Massachusetts
			Zip Code 01845
Full Name of Inventor ⁽²⁾	Last Name MARKS	First Name PAULA	Middle Name JEAN
Residence & Citizenship	City Maynard	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 107 Concord Street	City Maynard	State or Country Massachusetts
			Zip Code 01754
Full Name of Inventor ⁽³⁾	Last Name MAZZARA	First Name GAIL	Middle Name PATRICIA
Residence & Citizenship	City Winchester	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 10 Manchester Road	City Winchester	State or Country Massachusetts
			Zip Code 01890
Title of the Invention: DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS			

Patent specification attached

☒ Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____

☒ No earlier-filed foreign applications of which priority benefit is claimed.

☐ Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached

☐ No earlier-filed U.S. applications of which priority benefit is claimed.

☒ Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 4 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following ☒ attorney(s) ☐ agent(s):

Name
Lynne M. Christenbury
Hoge T. Sutherland

Registration Number
30,971
20,010

Send correspondence and direct telephone calls to:

Lynne M. Christenbury

Patent Division
Legal Department
E. I. du Pont de Nemours & Co.
Wilmington, DE 19898

Tel. No.
(302) 992-5481

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor:

Signature of Inventor:

Paula Jean Marks

Signature of Inventor:

Date:

Date:

4/17/89

Date:

DECLARATION and POWER OF ATTORNEY

NN-0239

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

Full Name of Inventor ⁽¹⁾	Last Name CARNEY	First Name WALTER	Middle Name PATRICK
Residence & Citizenship	City North Andover	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	City North Andover	State or Country Massachusetts	Zip Code 01845
Full Name of Inventor ⁽²⁾	Last Name MARKS	First Name PAULA	Middle Name JEAN
Residence & Citizenship	City Maynard	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	City Maynard	State or Country Massachusetts	Zip Code 01754
Full Name of Inventor ⁽³⁾	Last Name MAZZARA	First Name GAIL	Middle Name PATRICIA
Residence & Citizenship	City Winchester	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	City Winchester	State or Country Massachusetts	Zip Code 01890

Title of the Invention: **DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS**

Patent specification attached

☒ Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____

☒ No earlier-filed foreign applications of which priority benefit is claimed.

☐ Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

☐ No earlier-filed U.S. applications of which priority benefit is claimed.

☒ Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 4 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following ☒ attorney(s) ☐ agent(s):

Name Lynne M. Christenbury Hoge T. Sutherland	Registration Number 30,971 20,010
---	---

Send correspondence and direct telephone calls to:

Lynne M. Christenbury

Patent Division
Legal Department
E. I. du Pont de Nemours & Co.
Wilmington, DE 19898

Tel. No.
(302) 992-5481

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor:

Signature of Inventor:

Signature of Inventor:

Gail Patricia Mazzara

Date:

Date:

Date:

11-17-89

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

Full Name of Inventor ⁽¹⁾	Last Name MCKENZIE	First Name SARA	Middle Name JANE
Residence & Citizenship	City Lynn	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 201 Ocean Street	City Lynn	State or Country Massachusetts
Full Name of Inventor ⁽²⁾	Last Name MORGAN	First Name JONATHAN	Middle Name HART
Residence & Citizenship	City Camden	State or Foreign Country Maine	Country of Citizenship United States of America
Post Office Address	Post Office Address 33 Union Street	City Camden	State or Country Maine
Full Name of Inventor ⁽³⁾	Last Name PETIT	First Name DEBRA	Middle Name ANN
Residence & Citizenship	City West Bridgewater	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 179 Crescent Street	City West Bridgewater	State or Country Massachusetts

Title of the Invention: **DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS**

Patent specification attached

☒ Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____

☒ No earlier-filed foreign applications of which priority benefit is claimed.

☐ Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

☐ No earlier-filed U.S. applications of which priority benefit is claimed.

☒ Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 4 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following ☒ attorney(s) ☐ agent(s):

Name **Lynne M. Christenbury**
Hoge T. Sutherland

Registration Number
30,971
20,010

Send correspondence and direct telephone calls to:

Lynne M. Christenbury

Patent Division
Legal Department
E. I. du Pont de Nemours & Co.
Wilmington, DE 19898

Tel. No.
(302) 992-5481

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor⁽¹⁾

Signature of Inventor⁽²⁾

Signature of Inventor⁽³⁾

Date

or

Date

Date

DECLARATION and POWER OF ATTORNEY

NN-0239

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

Full Name of Inventor ⁽¹⁾ MCKENZIE Residence & City Lynn Citizenship Lynn Post Office Address 201 Ocean Street Address 5 201 Ocean Street Full Name of Inventor ⁽²⁾ MORGAN Residence & City Camden Citizenship Camden Post Office Address 33 Union Street Address 33 Union Street Full Name of Inventor ⁽³⁾ PETIT Residence & City West Bridgewater Citizenship West Bridgewater Post Office Address 179 Crescent Street Address 179 Crescent Street	First Name SARA State or Foreign Country Massachusetts City Lynn First Name JONATHAN State or Foreign Country ME City Camden First Name DEBRA State or Foreign Country Massachusetts City West Bridgewater	Middle Name JANE Country of Citizenship United States of America State or Country Massachusetts Zip Code 01902 Middle Name HART Country of Citizenship United States of America State or Country Maine Zip Code 04843 Middle Name ANN Country of Citizenship United States of America State or Country Massachusetts Zip Code 02379
--	---	---

**DETECTION AND QUANTIFICATION OF NEU RELATED
PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS**

Title of the Invention:

Patent specification attached

☒ Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____ (if applicable)

☒ No earlier-filed foreign applications of which priority benefit is claimed.

☐ Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

☐ No earlier-filed U.S. applications of which priority benefit is claimed.

☒ Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 4 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following ☒ attorney(s) ☐ agent(s):

Name Lynne M. Christenbury Hoge T. Sutherland	Registration Number 30,971 20,010
--	--

Send correspondence and direct telephone calls to:

Lynne M. Christenbury

**Patent Division
Legal Department
E. I. du Pont de Nemours & Co.
Wilmington, DE 19898**

**Tel. No.
(302) 992-5481**

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor:

Signature of Inventor:

Signature of Inventor:

Date

Date

[Handwritten Signature]
11/30/89

DECLARATION and POWER OF ATTORNEY

NN-0239

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

Full Name of Inventor⁽¹⁾ Residence & Citizenship Post Office Address City State or Foreign Country City State or Foreign Country City State or Foreign Country	First Name SARA State or Foreign Country Massachusetts City Lynn First Name JONATHAN State or Foreign Country Maine City Camden First Name DEBRA State or Foreign Country Massachusetts	Middle Name JANE Country of Citizenship United States of America State or Country Massachusetts Zip Code 01902 Middle Name HART Country of Citizenship United States of America State or Country Maine Zip Code 04843 Middle Name ANN Country of Citizenship United States of America State or Country Massachusetts Zip Code 02379
Full Name of Inventor⁽²⁾ Residence & Citizenship Post Office Address City State or Foreign Country City State or Foreign Country City State or Foreign Country	First Name MCKENZIE State or Foreign Country Massachusetts City Lynn First Name MORGAN State or Foreign Country Maine City Camden First Name PETIT State or Foreign Country Massachusetts	Middle Name JANE Country of Citizenship United States of America State or Country Massachusetts Zip Code 01902 Middle Name HART Country of Citizenship United States of America State or Country Maine Zip Code 04843 Middle Name ANN Country of Citizenship United States of America State or Country Massachusetts Zip Code 02379

Title of the Invention: over →
 DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS

Patent specification attached.

☒ Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____ (if applicable)

☒ No earlier-filed foreign applications of which priority benefit is claimed.

☐ Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

☐ No earlier-filed U.S. applications of which priority benefit is claimed.

☒ Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page ⁴ 3 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following ☒ attorney(s) ☐ agent(s):

Name Lynne M. Christenbury Hoge T. Sutherland	Registration Number 30,971 20,010
Send correspondence and direct telephone calls to: Lynne M. Christenbury	Patent Division Legal Department E. I. du Pont de Nemours & Co. Wilmington, DE 19898
Tel. No. (302) 992-5481	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor¹ _____ Date _____	Signature of Inventor² _____ Date _____	Signature of Inventor³ Debra Ann Petit Date 11/17/89
---	---	--

DECLARATION and
POWER OF ATTORNEY

NN-0239

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

Full Name of Inventor ⁽¹⁾	Last Name	First Name	Middle Name
WEINBERG		ROBERT	ALLAN
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
Brookline		Massachusetts MA	United States of America
Post Office Address	City	State or Country	Zip Code
25 Copley Street	Brookline	Massachusetts	02146
Full Name of Inventor ⁽²⁾	Last Name	First Name	Middle Name
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
Post Office Address	City	State or Country	Zip Code
Full Name of Inventor ⁽³⁾	Last Name	First Name	Middle Name
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
Post Office Address	City	State or Country	Zip Code

Title of the Invention: DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS

Patent specification attached

☒ Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____

☒ No earlier-filed foreign applications of which priority benefit is claimed.

☐ Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

☐ No earlier-filed U.S. applications of which priority benefit is claimed.

☒ Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 2 attached

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following ☒ attorney(s) ☐ agent(s):

Name	Registration Number
Lynne M. Christenbury	30,971
Hoge T. Sutherland	20,010


Send correspondence and direct telephone calls to:

Lynne M. Christenbury

Patent Division
Legal Department
E. I. du Pont de Nemours & Co.
Wilmington, DE 19898

Tel. No.
(302) 992-5481

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor ⁽¹⁾	Signature of Inventor ⁽²⁾	Signature of Inventor ⁽³⁾
		
Date	Date	Date
11/17/89		

☐ Required information as to earlier-filed foreign applications of which priority benefit is claimed.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed (Yes-No)
---------	-----------------	-------------	---------------------------

☒ Required information as to earlier-filed U.S. applications of which priority benefit is claimed.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Application Serial No.	U.S. Filing Date	Status (patented, pending or abandoned)
06/871,102	June 4, 1986	Pending
07/182,501	April 18, 1988	Pending
07/297,188	January 13, 1989	Pending